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### A proof for the longest-job-first policy in one-machine scheduling

scheduling problem in the popular "just-in-time" method of production can be ..... this article we prove that the longest-job-first policy is optimal for a ...

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### RIOT-The Scheduling Problem

It schedules the longest jobs first so that no one large job will "stick out" at the end of the schedule and dramatically lengthen the completion time of ...

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### Computers & Operations Research : Job scheduling methods for ...

The waiting time of the first job to be processed is 0, which is given in Eq. (5). ... Remove the job with the longest processing time from the job pool, ...

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### JSTOR: An Efficient Optimal Algorithm for the Two-Machines Unit ...

Scheduling the operations as above gives priority to jobs with longer remaining processing times as a job with the longest remainder comes first. ...

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Minimizing Waiting Time Variance (WTV) is a job scheduling problem where we ..... the job sequence produced by Longest Processing Time (LPT) first [4]. ...

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resources to longest jobs first. The LJF approach tends to maximize. system utilization at the cost of turnaround time. Basic scheduling algorithms such as ...

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### Understanding the Slowdown of Large Jobs in an M/GIII System.

First (SRPT), or a scheduling policy that biases towards young jobs, .... longest remaining processing time. If multiple jobs in the system ...

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slowdown experienced by largest jobs. We consider scheduling .... Longest-Remaining-Processing-Time-First (LRPT): Under LRPT, at every moment of time, ...

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### Method to increase the efficiency of job sequencing from ...

ordering the jobs in a second subset by longest processing time first. 14. A method for

scheduling a batch of data processing jobs having staging times, ...  
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### [Scheduling Algorithms](#)

So, let's assign the next longest task, Q, to processor P1 and the next longest ... Do the jobs with the largest critical times first and save the jobs with ...  
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